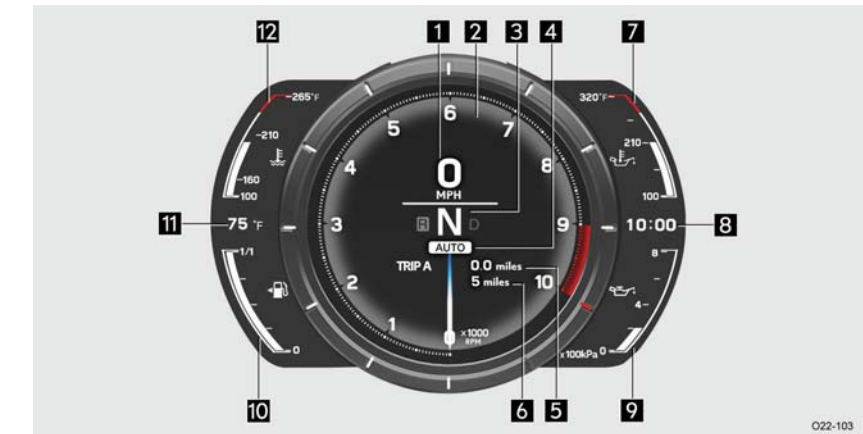


2-2.Instrument cluster

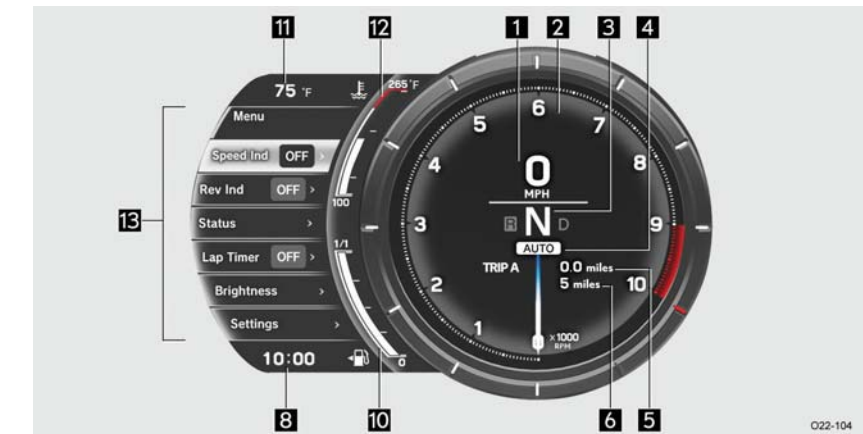
Gauges and meters

The meters have a normal display and a menu display (→P. 124). The displays are switched using the control pad on the steering wheel. When the menu is displayed, the main meter moves to the right.

Normal display



Menu display



The units used on the gauges and meters may differ depending on the destination.

1 Speedometer

2 Tachometer

3 Gear indicator (→P. 104)

4 Driving mode indicator (→P. 104)

5 Trip information display

Displays trip meter, fuel economy and other driving information (→P. 118)

6 Odometer

7 Engine oil temperature gauge

Displays the engine oil temperature. If the engine oil temperature becomes 284°F (140°C) or higher, a buzzer will sound and this display will flash. (→P. 313)

8 Clock (→P. 148)

9 Engine oil pressure gauge

Displays the pressure of the engine oil in the engine. If the oil pressure drops, a buzzer will sound and a warning message will be displayed. (→P. 324)

10 Fuel gauge

Displays remaining fuel quantity and reminds the driver to refuel. (→P. 315)

11 Outside temperature display

12 Engine coolant temperature gauge

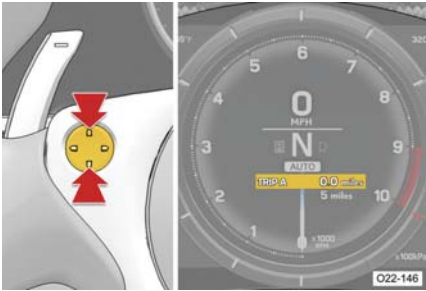
Displays engine coolant temperature. If the engine coolant temperature exceeds 244°F (118°C), a buzzer will sound and this display will flash. (→P. 313)

13 Menu

Allows driver to set various functions and check vehicle status. (→P. 124)

Displays warning messages in case of a malfunction. (→P. 322)

Trip information



The information on the trip information display can be changed when in the normal display by pressing up or down on the control pad.

n Trip meter



Displays the distance the vehicle has been driven since the meter was last reset. Trip meters “A” and “B” can be used to record and display different distances independently.

The function can be reset by pressing up or down on the control pad for longer than one second when the trip meter “A” or “B” is displayed.

n Current fuel consumption



Displays the current rate of fuel consumption.

n Average fuel consumption



Displays the average fuel consumption since the function was reset.

The function can be reset by pressing up or down on the control pad for longer than one second when the average fuel consumption is displayed.

n Average vehicle speed



Displays the average vehicle speed since the engine was started or the function was reset.

The function can be reset by pressing up or down on the control pad for longer than one second when the average vehicle speed is displayed.

n Driving range



Displays the estimated maximum distance that can be driven with the quantity of fuel remaining.

This distance is computed based on your average fuel consumption. As a result, the actual distance that can be driven may differ from that displayed.

When only a small amount of fuel is added to the tank, the display may not be updated.

2

When driving

n Variable red zone



To help protect the engine, the red zone of the tachometer starts at different engine speeds ranging from 4400 rpm to 9000 rpm depending on the engine coolant temperature.

n Engine coolant and engine oil temperature displays

In congested traffic, the engine coolant and engine oil displays may show a higher than usual temperature. This is not a malfunction. If temperatures are abnormal, these displays will flash.

n Outside temperature display

- 1 The temperature display shows temperatures within the range of -40°F (-40°C) and 122°F (50°C).
- 1 In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change:
 - When the vehicle is stopped, or moving at low speeds (less than 15 mph [25 km/h])
 - When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)
- 1 When "--" or "E" is displayed, the system may be malfunctioning. Take your vehicle to your Lexus dealer.



NOTICE

n To prevent damage to the engine and its components

- 1 Do not let the indicator needle of the tachometer enter the red zone.
- 1 The following may indicate that the engine is overheating. Immediately stop the vehicle in a safe place.
 - The display on the engine coolant temperature gauge flashes. (→P. 351)
 - The display on the engine oil temperature gauge flashes. (→P. 313)
- 1 In the following situations, the engine may be malfunctioning. Immediately stop the vehicle in a safe place and contact your Lexus dealer.
 - The oil pressure gauge display does not show an increase even if the accelerator pedal is depressed.
 - The "Engine oil pressure low" warning message is displayed.

2-2. Instrument cluster

Indicators and warning lights

The indicators and warning lights on the instrument cluster and center panel inform the driver of the status of the vehicle's various systems.

Instrument cluster



The units used on the gauges and meters may differ depending on the destination.

Center panel













2

When driving

n Indicators

The indicators inform the driver of the operating state of the vehicle's various systems.

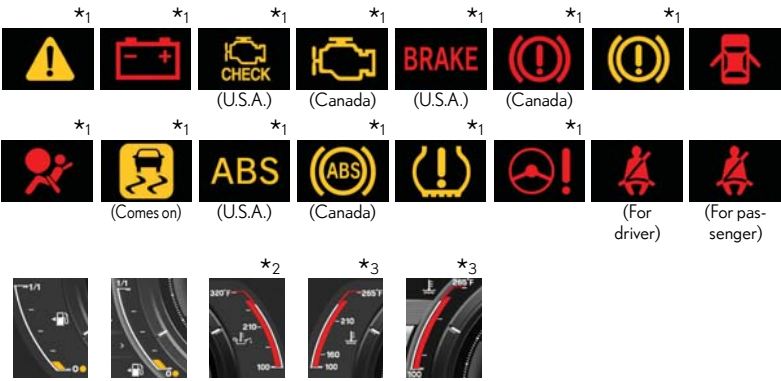
	Turn signal indicator (→P. 112)		Slip indicator (→P. 167)
	Headlight indicator (→P. 158)		VSC off indicator (→P. 167)
	Tail light indicator (→P. 158)		"TRAC OFF" indicator (→P. 167)
	Headlight high beam indicator (→P. 158)		Parking brake indicator (→P. 113)
	SRS airbag on/off indicator (→P. 72)		Parking brake indicator (→P. 113)

*1: These lights turn on when the ignition switch is turned to the "ON" position to indicate that a system check is being performed. They will turn off after the engine is started, or after a few seconds. There may be a malfunction in a system if a light does not come on, or if the lights do not turn off. Have the vehicle inspected by your Lexus dealer.

*2: The light flashes to indicate that the system is operating.

n **Warning lights**

Warning lights inform the driver of malfunctions in any of the vehicle's systems. (→P. 312)



- *1: These lights turn on when the ignition switch is turned to the “ON” position to indicate that a system check is being performed. They will turn off after the engine is started, or after a few seconds. There may be a malfunction in a system if a light does not come on, or if the lights do not turn off. Have the vehicle inspected by your Lexus dealer.
- *2: The display flashes to indicate that the engine oil temperature is too high.
- *3: These displays flash to indicate that the engine coolant temperature is too high.

! CAUTION

n **If a safety system warning light does not come on**

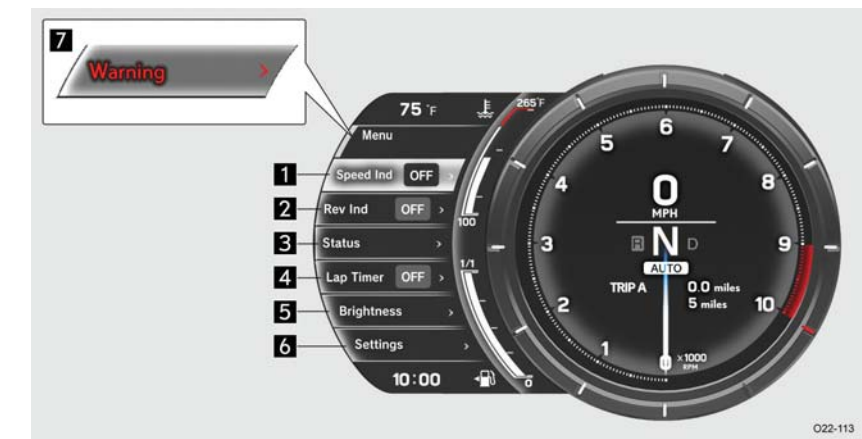
Should a safety system light such as the ABS or SRS warning light not come on when you start the engine, this could mean that these systems are not available to help protect you in an accident, which could result in death or serious injury. Have the vehicle inspected by your Lexus dealer immediately if this occurs.

2-2. Instrument cluster

Using the menu

The meter display settings and vehicle status can be checked using the control pad located on the steering wheel and the menu display.

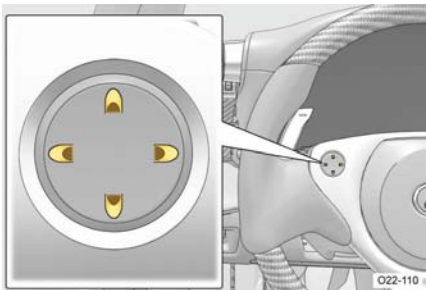
n Menu structure



Menu item		Function
1 Speed Ind (→P. 126)		Changes color when the vehicle reaches a set speed.
2 Rev Ind (→P. 129)		A ring-shaped indicator appears in the tachometer when the engine reaches a set speed.
3 Status (→P. 132)	Trip Info	Indicates the current fuel consumption, average fuel consumption, average vehicle speed, and driving range.
	Oil Level	Shows the amount of engine oil in the oil tank.
	Oil Maintenance	Indicates engine oil replacement timing.
	Tire Pressure	Shows inflation pressure of each tire.
4 Lap Timer (→P. 142)		Measures and shows lap times.

Menu item		Function
5 Brightness (→P. 147)		Allows driver to adjust the brightness of the meter and interior illumination.
6 Settings (→P. 148)	Needle	Allows driver to change the needle color for the tachometer.
	Rev Peak	Displays an afterimage of the tachometer needle at the maximum engine speed.
	Clock	Allows driver to adjust the displayed time and choose between 12-hour (12H) and 24-hour (24H) mode.
	Shortcut	Allows driver to jump to a preset display.
	Units	Changes units used to indicate distance, speed and fuel consumption.
	Temp	Changes the display temperature between Fahrenheit and Celsius.
	Language	Changes the language displayed.
7 Warning (→P. 322)		Automatically displayed when a malfunction occurs in one of the vehicle's systems. ("Menu" is displayed when there is no warning occurring.)

n Control pad



Press up, down, left and right on the control pad to select and change menu settings.

- Pressing left changes the display as follows:
 - Press: Returns to the previous screen.
 - Press and hold: Returns to the normal display. (→P. 116)

“Speed Ind” (vehicle speed indicator)

When the vehicle reaches a set speed, a buzzer will sound and the displayed speed unit will turn amber. (Some settings cannot be changed while the vehicle is in motion.)

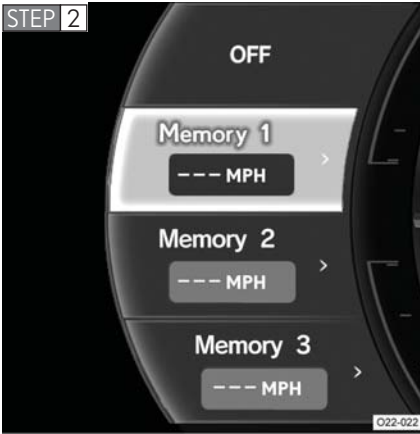
n Indicator



n Set up procedure



Select “Speed Ind” and press right on the control pad.



Select the desired memory and press right on the control pad.

To turn off the “Speed Ind” function, select “OFF” and press left on the control pad. (The screen will return to the menu display.)



Select the desired speed by pressing up and down on the control pad.

Selectable speed range:

In mph reading — 20 mph to 160 mph*

In km/h reading — 30 km/h to 250 km/h*

Press: Changes in 1 mph or 1 km/h intervals

Press and hold: Changes in 10 mph or 10 km/h intervals

*: Always observe the legal speed limit when driving on public roads.



Press left on the control pad to enter the desired speed.

Press left on the control pad again to confirm the desired memory and speed. (The screen will return to the menu display.)

“Rev Ind” (rev indicator)

When the engine reaches a set speed and the driving mode is set to SPORT, NORMAL or WET mode, a buzzer will sound and the tachometer will show a ring-shaped indicator in green or amber. (Some settings cannot be changed while the vehicle is in motion.)

If the engine speed enters the red zone, the over-rev warning will be shown in red regardless of the set speed. (→P. 156)

n Indicator



n Set up procedure



Select “Rev Ind” and press right on the control pad.



Select "ON" and press right on the control pad.

To turn off the "Rev Ind" function, select "OFF" or set it to "----" (as shown) and then press left on the control pad. (The screen will return to the menu display.)



Select engine speeds for the green and amber sections.

Right: Switches between the green and amber sections

Up and down: Engine speed selection

Selectable engine speed range:
4000 rpm to 9000 rpm


The speed can be changed in 100 rpm intervals.

Either green or amber, or both green and amber can be selected.




Press left on the control pad to enter the desired engine speed.

The settings are shown as follows:

 : Set in both green and amber

 : Set in green

 : Set in amber

Press left on the control pad again to confirm the "Rev Ind" function. (The screen will return to the menu display.)

“Status” (vehicle status)

“Trip Info”, “Oil Level”, “Oil Maintenance” and “Tire Pressure” information can be checked.



Select “Status” and press right on the control pad.



Select the desired menu item and press right on the control pad.

“Trip Info” (→P.133)

“Oil Level” (→P.135)

“Oil Maintenance” (→P.138)

“Tire Pressure” (→P.140)

n "Trip Info" (trip information)

Displays current fuel consumption, average fuel consumption, average vehicle speed and driving range.



Select "Trip Info" and press right on the control pad.



1 Current fuel consumption
Displays the current rate of fuel consumption.

2 Average fuel consumption
Displays the average fuel consumption since the function was reset.

This function can be reset from the normal display. (→P. 118)

3 Average vehicle speed
Displays the average vehicle speed since the function was reset.

This function can be reset from the normal display. (→P. 119)

4 Driving range
Displays the estimated maximum distance that can be driven with the remaining fuel.

This distance is computed based on your average fuel consumption. As a result, the actual distance that can be driven may differ from that displayed.

When only a small amount of fuel is added to the tank, the display may not be updated.

n “Oil Level” (engine oil level)

The amount of oil remaining in the tank can be calculated and is shown on a scale of one to ten. If the engine oil level cannot be measured, the reason will be shown on the screen.

Conditions for measurement

- 1 The engine oil temperature is between 203°F and 230°F (95°C and 110°C).
- 1 The engine is idling.
- 1 The vehicle is stopped on level ground.



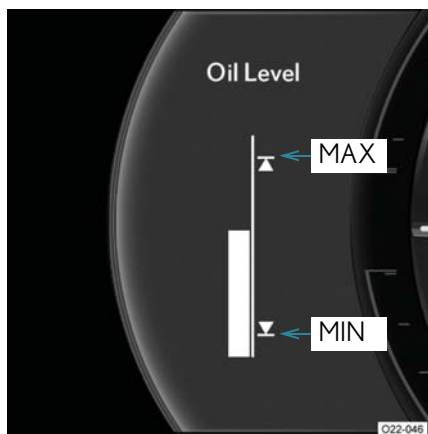
Select “Oil Level” and press right on the control pad.



The amount of engine oil remaining is measured automatically.

The amount of time needed to complete the measurement is counted down on the screen.

Measurement result



Once measurement is complete, the result will be displayed.

The oil amount between the maximum and minimum markings is approximately 2.1 qt. (2.0 L, 1.8 Imp. qt.).

As the engine oil level in the oil tank varies depending on the driving condition of the vehicle immediately before measurement, the results may vary even if the overall oil amount is constant.

Perform the following actions as necessary according to the measurement results:

- 1 If the oil level is low, add engine oil as needed. (→P. 257)

Even if the measurement result shows that the engine oil is below the maximum level, be careful not to add more oil than necessary. If unsure of how much oil to add, contact your Lexus dealer.

- 1 If “Engine oil level low Check oil level” is displayed on the meter, avoid high load driving and add oil immediately.

Do not let the oil level reach or fall below the minimum marking, as doing so may cause engine damage.

“Cannot measure” display



If measurement cannot be performed, the item with “No” displayed may be the cause. Check the following items and then attempt to perform the measurement again:

Item	Details	Correction procedure
Engine Warm	The engine oil has not warmed sufficiently.	Measure when the engine oil temperature is between 203°F and 230°F (95°C and 110°C).
Idling	The engine speed is too low or too high.	Measure when the engine speed is between 900 rpm and 1100 rpm.
Stationary	The vehicle is not completely stationary.	Measure when the vehicle is completely stopped with Neutral selected and the parking brake set.
Vehicle Level	The vehicle is parked on an incline.	Measure when the vehicle is on level ground with an incline of 4 degrees or less.

If the measuring function does not work even after all the above conditions have been met, have the vehicle inspected by your Lexus dealer.

n “Oil Maintenance” (engine oil maintenance)

This system calculates engine oil replacement timing and reminds the driver when it is time to replace the oil. Resetting operation should be performed at your Lexus dealer when you have them change the engine oil. (This procedure cannot be performed while the vehicle is in motion.)



Select “Oil Maintenance” and press right on the control pad.



Press and hold right on the control pad for 5 seconds.



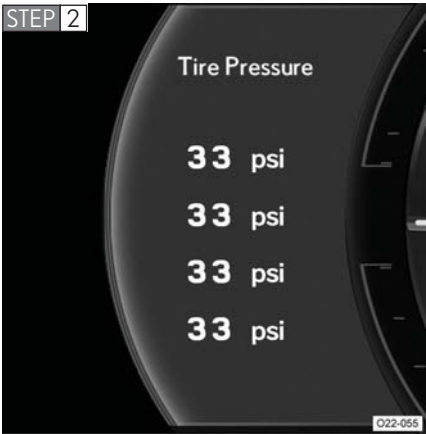
"Complete" will be displayed when the reset procedure has been completed.

The system will start measuring the distance to the next engine oil replacement timing.

n “Tire Pressure” (tire inflation pressure)



Select “Tire Pressure” and press right on the control pad.

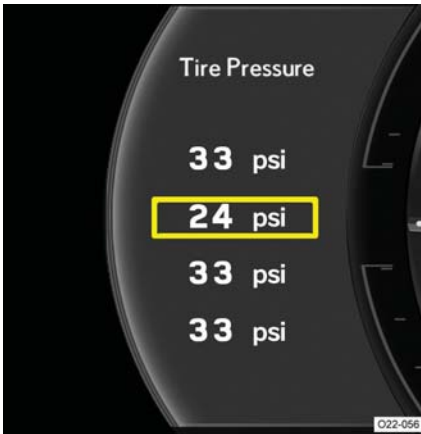


The tire inflation pressure for each tire is displayed.

If bars instead of a numeric value are displayed, the tire pressure warning system is not receiving tire inflation pressure data from a transmitter. Follow the same procedure again after waiting a few minutes.

If the bars are still displayed, there may be a malfunction with the tire pressure warning system. Have the vehicle inspected by your Lexus dealer.

If one or more tires are insufficiently inflated



If a tire is insufficiently inflated, an amber frame will be shown.

The display does not specify the location of the insufficiently inflated tire. Adjust all the tires to the specified inflation pressure.

(→P. 278, 366)

If a tire is noticeably deflated, it may be punctured. Temporarily repair the tire using the emergency tire puncture repair kit. (→P. 332)

2

When driving

“Lap Timer”

Measures lap time and displays previous lap times.

n Lap time display



The following times can be displayed.

1 Stopwatch

The current measurement time is shown.

2 Lap time list

During “Lap Times” display:
The 4 most recent lap times are shown.

During “Past Times” display:
The 20 most recent lap times are shown.

3 Fastest lap

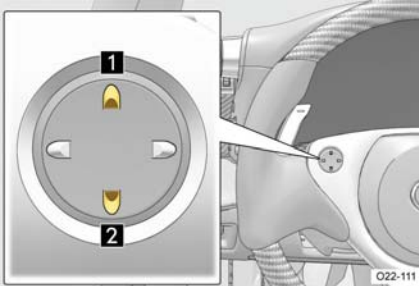
Displays the fastest lap time recorded since the last reset.

4 Total time

Displays the total lap time since the last reset.

n Operation

Press up and down on the control pad.



- 1 Start ("▲Start")/stop ("▲Stop") measurement
- 2 Press: Mark off one lap ("▼Lap")
Press and hold: Reset ("▼Reset")

Resetting erases all measurement results.

n Measurement method



Select "Lap Timer" and press right on the control pad.

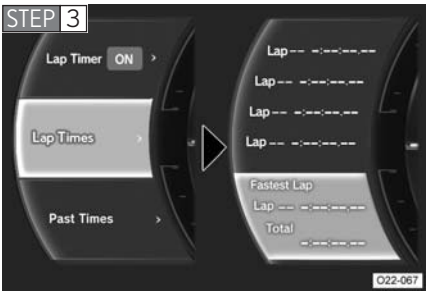
2

When driving



Select "Lap Timer" and press right on the control pad.

The "Lap Timer" function will be turned "ON" and the trip information/odometer will be changed to stopwatch mode.



Select "Lap Times" and press right on the control pad.

Lap time list, "Fastest Lap", and "Total" will be displayed. "▲Start" and "▼Reset" will be shown on the stopwatch display.



Press up on the control pad (“▲Start”) to begin measurement.

1 To measure lap times:

Press down on the control pad (“▼Lap”) during measurement to mark off a lap. The lap time will be added to the lap time list. (The most recent lap will be displayed at the top of the lap time list.)

The fastest lap time will also be displayed as “Fastest Lap”.

1 To stop measurement:

Press up on the control pad (“▲Stop”) during measurement.

When “▲Stop” is selected, the stopwatch time is not recorded as a lap time.

When “▲Start” is selected, measurement resumes from the stopwatch time shown.

2

When driving

n **Displaying measurement results**

Measurement results can be displayed when the “Lap Timer” function is “OFF”. Results can also be displayed when the “Lap Timer” function is turned “ON” but not recording measurements.



Select “Past Times” and press right on the control pad.

Lap time list, “Fastest Lap”, and “Total” will be displayed.

Move through the lap time list by pressing up and down on the control pad.

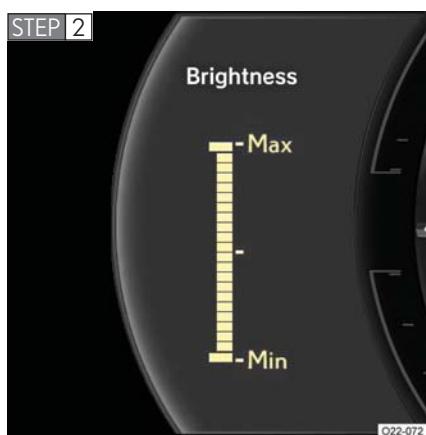
The lap time list displays the 20 most recent lap times.

"Brightness" (brightness control)

The brightness of the meter, instrument panel lights and down light (while tail lights are on) can be adjusted.



Select "Brightness" and press right on the control pad.



Adjust the brightness by pressing up and down on the control pad.

“Settings”

Settings for the meter display can be changed. (Settings cannot be changed while the vehicle is in motion.)



Select “Settings” and press right on the control pad.



Select the desired setting and press right on the control pad.

“Needle” (→P. 149)

“Rev Peak” (→P. 150)

“Clock” (→P. 151)

“Shortcut” (→P. 153)

“Units” (→P. 154)

“Temp” (→P. 154)

“Language” (→P. 155)

n "Needle"



Each time right on the control pad is pressed, the color of the tachometer needle will change as follows:



2

When driving

n “Rev Peak”



When the engine speed reaches or exceeds 6000 rpm, an afterimage of the tachometer needle will be displayed at the highest engine speed for approximately 0.5 seconds.

Set up procedure



Press the right side of the control pad to turn this function “ON” or “OFF”

The afterimage color of the tachometer needle changes as follows:

Tachometer needle color	Afterimage color
Blue	Red
Red	Blue
White	Blue

n "Clock"

The displayed time can be adjusted and shown in 12-hour (12H) or 24-hour (24H) mode.



Select "Clock" and press right on the control pad.

Selecting 12H or 24H mode



Press up or down on the control pad to switch between 12H and 24H mode.

When 12H mode is selected, "AM" or "PM" will be displayed.

Pressing right on the control pad moves the cursor to the hour adjustment menu.

Clock adjustment



1 Hour adjustment

2 Minute adjustment

STEP 1 Press right on the control pad to move the cursor to the hour adjustment menu.

STEP 2 Press up or down on the control pad to adjust the hour.

STEP 3 Press right on the control pad to move the cursor to the minute adjustment menu.

STEP 4 Press up or down on the control pad to adjust the minute.

Pressing right on the control pad moves the cursor to the 12H/24H mode adjustment menu.

n "Shortcut"

Enables a quick jump to a preset screen when left on the control pad is pressed in the normal display.



Select "Shortcut" and press right on the control pad.



Select the desired item and press left on the control pad.

The selected item will be set as a shortcut.

n **“Units”**

The units of measurement used for the speedometer, odometer, and trip information can be changed.



Each time right on the control pad is pressed, the distance (miles, km), the speed (MPH, km/h) and the fuel consumption (MPG, km/l, L/100km) measurement units will be changed.

n **“Temp” (temperature)**

The units of measurement used for the outside temperature, engine coolant temperature, engine oil temperature and air conditioning temperature displays can be changed.



Each time right on the control pad is pressed, the temperature display unit will be changed (Fahrenheit, Celsius).

n “Language”

The display language can be changed.



Select “Language” and press right on the control pad.



Select a language.

Pressing left on the control pad sets the selected language. (The display will return to the “Settings” screen.)

n Meter operation restrictions while vehicle is in motion

While the vehicle is in motion, some menu items cannot be changed using the control pad. Restricted items are displayed in gray or without an arrow. These items can be operated once the vehicle is stopped.

n “Rev Ind” (rev indicator)



1 Over-rev warning (regular setting)

If the engine speed enters the red zone, the over-rev warning will be shown in red regardless of the set speed.

1 Even if the green or amber indicator is set to 9000 rpm, the over-rev warning will be displayed.

1 If the green and amber indicators are both set to the same engine speed, the indicator will be shown in amber.

n Measuring the engine oil level

1 The dry sump lubrication system circulates the engine oil between the engine and oil tank according to driving conditions. Accordingly, the engine oil level in the oil tank may vary even if the overall amount is constant, affecting the measurement results.

1 It takes some time for the engine oil level to stabilize after the engine is started. To obtain a more stable result, drive the vehicle for a while and then perform the measurement without stopping the engine.

1 If an attempt to measure the oil level is made immediately after the previous oil level measurement process was completed, the previous measurement may be displayed.

1 If the measurement result flashes, the measuring function is malfunctioning. Have the vehicle inspected by your Lexus dealer.

n Engine oil maintenance

“Oil maintenance required” will be displayed once the vehicle has been driven for more than 6214 miles (10000 km) since the last reset. (→P. 327)

The engine oil may need to be replaced earlier depending on driving conditions.

n Using the “Lap Timer”

- 1 When the “Lap Timer” function is turned “OFF” or the engine is stopped while a lap is being timed, the lap timer will stop and the lap time up to that point will be recorded.
- 1 If the lap time being recorded ends with the same time as the fastest lap, the newer time will be saved as the fastest lap time.
- 1 If the lap time exceeds “9:59:59.99”, the display will return to “0:00:00.00” but the total time will be recorded.
- 1 If a warning message is displayed when a lap time is being measured, the lap time will still continue to be recorded.
Operating the control pad while the warning message is shown returns the display to the stopwatch but the warning message will continue to appear until the warning is resolved.
- 1 In the normal display, the current measurement time and the latest lap time will be displayed.

n Changing the temperature measurement unit

When the “Temp” measurement unit is changed, the air conditioning system temperature setting, air outlets and fan speed characteristics may be changed. This is normal and does not indicate a malfunction.

n If the battery is disconnected or discharges

“Lap Timer” data and “Clock” settings will be reset.